

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/788, 836

Source: _____

Date Processed by STIC: _____

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 12/13/2004

PATENT APPLICATION: US/10/788,836

TIME: 13:50:37

Input Set : N:\Cr33\RULE60\10788836.raw.txt

Output Set: N:\CRF4\12132004\J788836.raw

SEQUENCE LISTING

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1 (1) GENERAL INFORMATION:
2   (i) APPLICANT: PE Corporation (NY)
3   (ii) TITLE OF INVENTION: ENERGY TRANSFER DYES WITH ENHANCED FLUORESCENCE
4   (iii) NUMBER OF SEQUENCES: 3
5   (iv) CORRESPONDENCE ADDRESS:
6       (A) ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich
7                   & Rosati
8       (B) STREET: 650 Page Mill Road
9       (C) CITY: Palo Alto
10      (D) STATE: California
11      (E) COUNTRY: USA
12      (F) ZIP: 94304-1050
13   (v) COMPUTER READABLE FORM:
14       (A) MEDIUM TYPE: 3.5 inch diskette
15       (B) COMPUTER: IBM compatible
16       (C) OPERATING SYSTEM: Microsoft Windows 3.1/DOS 5.0
17       (D) SOFTWARE: Word 97
18                   ASCII (DOS) TEXT format
19   (vi) CURRENT APPLICATION DATA:
C--> 20       (A) APPLICATION NUMBER: US/10/788,836
C--> 21       (B) FILING DATE: 26-Feb-2004
22       (C) CLASSIFICATION:
23   (vii) PRIOR APPLICATION DATA:
W--> 24       (A) APPLICATION NUMBER: US/10/014,743
25       (B) FILING DATE: 29-Oct-2001
W--> 26       (A) APPLICATION NUMBER: 08/642,330
27       (B) FILING DATE: May 3, 1996
W--> 28       (A) APPLICATION NUMBER: 08/672,196
29       (B) FILING DATE: June 27, 1996
W--> 30       (A) APPLICATION NUMBER: 08/726,462
31       (B) FILING DATE: October 4, 1996
W--> 32       (A) APPLICATION NUMBER: 09/046,203
33       (B) FILING DATE: March 23, 1998
W--> 34       (A) APPLICATION NUMBER: 09/272,097
35       (B) FILING DATE: March 18, 1999
36   (viii) ATTORNEY/AGENT INFORMATION:
37       (A) NAME: David J. Weitz
38       (B) REGISTRATION NUMBER: 38,362
39       (C) REFERENCE/DOCKET NUMBER: 16842-776
40   (ix) TELECOMMUNICATION INFORMATION:
41       (A) TELEPHONE: (650) 493-9300
42       (B) TELEFAX: (650) 493-6811

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43 (2) INFORMATION FOR SEQ ID NO: 1:

44 (i) SEQUENCE CHARACTERISTICS:

45 (A) LENGTH: 1217 nucleotides

46 (B) TYPE: nucleic acid

47 (C) STRANDEDNESS: single

48 (D) TOPOLOGY: linear

49 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

50	GCCAAGCTTG	CATGCCTGCA	GGTCGACTCT	AGAGGATCCC	40
51	CGGGTACCGA	GCTCGAATTC	GTAATCATGG	TCATAGCTGT	80
52	TTCCTGTGTG	AAATTGTTAT	CCGCTCACAA	TTCCACACAA	120
53	CATACGAGCC	GGAAGCATAA	AGTGTAAGC	CTGGGGTGCC	160
54	TAATGAGTGA	GCTAACTCAC	ATTAATTGCG	TTGCGCTCAC	200
55	TGCCCCGCTT	CCAGTCGGGA	AACCTGTCGT	GCCAGCTGCA	240
56	TTAATGAATC	GGCCAACGCG	CGGGGAGAGG	CGGTTTGCGT	280
57	ATTGGGCGCC	AGGGTGGTTT	TTCTTTTCAC	CAGTGAGACG	320
58	GGCAACAGCT	GATTGCCCTT	CACCGCCTGG	CCCTGAGAGA	360
59	GTTGCAGCAA	GCGGTCCACG	CTGGTTTGCC	CCAGCAGGCG	400
60	AAAATCCTGT	TTGATGGTGG	TTCCGAAATC	GGCAAAATCC	440
61	CTTATAAATC	AAAAGAATAG	CCCGAGATAG	GGTTGAGTGT	480
62	TGTTCCAGTT	TGGAACAAGA	GTCCACTATT	AAAGAACGTG	520
63	GACTCCAACG	TCAAAGGGCG	AAAAACCGTC	TATCAGGGCG	560
64	ATGGCCCACT	ACGTGAACCA	TCACCCAAAT	CAAGTTTTTT	600
65	GGGGTCGAGG	TGCCGTAAAG	CACTAAATCG	GAACCCTAAA	640
66	GGGAGCCCCC	GATTTAGAGC	TTGACGGGGA	AAGCCGGCGA	680
67	ACGTGGCGAG	AAAGGAAGGG	AAGAAAGCGA	AAGGAGCGGG	720
68	CGCTAGGGCG	CTGGCAAGTG	TAGCGGTCAC	GCTGCGCGTA	760
69	ACCACCACAC	CCGCCGCGCT	TAATGCGCCG	CTACAGGGCG	800
70	CGTACTATGG	TTGCTTTGAC	GAGCACGTAT	AACGTGCTTT	840
71	CCTCGTTGGA	ATCAGAGCGG	GAGCTAAACA	GGAGGCCGAT	880
72	TAAAGGGATT	TTAGACAGGA	ACGGTACGCC	AGAATCTTGA	920
73	GAAGTGTTTT	TATAATCAGT	GAGGCCACCG	AGTAAAAGAG	960
74	TCTGTCCATC	ACGCAAATTA	ACCGTTGTAG	CAATACTTCT	1000
75	TTGATTAGTA	ATAACATCAC	TTGCCTGAGT	AGAAGAACTC	1040
76	AAACTATCGG	CCTTGCTGGT	AATATCCAGA	ACAATATTAC	1080
77	CGCCAGCCAT	TGCAACAGGA	AAAACGCTCA	TGGAAATACC	1120
78	TACATTTTGA	CGCTCAATCG	TCTGAAATGG	ATTATTTACA	1160
79	TTGGCAGATT	CACCAGTCAC	ACGACCAGTA	ATAAAAGGGA	1200
80	CATTCTGGCC	AACAGAG			1217

82 (2) INFORMATION FOR SEQ ID NO: 2:

83 (i) SEQUENCE CHARACTERISTICS:

84 (A) LENGTH: 18 nucleotides

85 (B) TYPE: nucleic acid

86 (C) STRANDEDNESS: single

87 (D) TOPOLOGY: linear

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

89 TGTAACACGA CGGCCAGT 18

91 (2) INFORMATION FOR SEQ ID NO: 3:

92 (i) SEQUENCE CHARACTERISTICS:

93 (A) LENGTH: 738 nucleotides

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94      (B) TYPE: nucleic acid
95      (C) STRANDEDNESS: single
96      (D) TOPOLOGY: linear
97      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
98      ATACGACTCA   CTATAGGGCG   AATTCGAGCT   CGGTACCCGG   40
99      GGATCCTCTA   GAGTCGACCT   GCAGGCATGC   AAGCTTGAGT   80
100     ATTCTATAGT   GTCACCTAAA   TAGCTTGGCG   TAATCATGGT   120
101     CATAGCTGTT   TCCTGTGTGA   AATTGTTATC   CGCTCACAAT   160
102     TCCACACAAC   ATACGAGCCG   GAAGCATAAA   GTGTAAAGCC   200
103     TGGGGTGCCT   AATGAGTGAG   CTAACTCACA   TTAATTGCGT   240
104     TGCGCTCACT   GCCCGCTTTC   CAGTCGGGAA   ACCTGTCGTG   280
105     CCAGCTGCAT   TAATGAATCG   GCCAACGCGC   GGGGAGAGGC   320
106     GGTTCGCGTA   TTGGGCGCTC   TTCCGCTTCC   TCGCTCACTG   360
107     ACTCGCTGCG   CTCGGTCGTT   CGGCTGCGGC   GAGCGGTATC   400
108     AGCTCACTCA   AAGGCGGTAA   TACGGTTATC   CACAGAATCA   440
109     GGGGATAACG   CAGGAAAGAA   CATGTGAGCA   AAAGGCCAGC   480
110     AAAAGGCCAG   GAACCGTAAA   AAGGCCGCGT   TGCTGGCGTT   520
111     TTTCCATAGG   CTCCGCCCCC   CTGACGAGCA   TCACAAAAAT   560
112     CGACGCTCAA   GTCAGAGGTG   GCGAAACCCG   ACAGGACTAT   600
113     AAAGATACCA   GGCCTTTCCC   CCTGGAAGCT   CCCTCGTGCG   640
114     CTCTCCTGTT   CCGACCCTGC   CGCTTACCGG   ATACCTGTCC   680
115     GCCTTTCTCC   CTTGGAAG   CGTGGCGCTT   TCTCATAGCT   720
116     CACGCTGTAG   GTATCTCA   738

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VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10788836.raw.txt

Output Set: N:\CRF4\12132004\J788836.raw

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:26 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:28 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:30 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:32 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)
L:34 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)